

ABSTRACT

A windshield wiper system activated by sensing rainwater via a rain sensor placed inside the wiping pattern when a multifunction switch lever is in automatic mode. A rain sensor module activates a relay for low speeds and/or a relay for high speeds
5 depending on the detected amount of rainwater. A first voltage detecting means detects battery voltage, a second voltage detecting means detects voltage of an automatic signal, and a microcomputer adjusts the sensitivity of the rain sensor based on a voltage ratio of the automatic signal voltage and the battery voltage. A reformed wiring structure connects the multifunction switch and the rain sensor module, which contributes to a
10 reduction of the weight and cost of the wiring harness. The sensitivity of the rain sensor is not affected by a voltage change.